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## FACSIMILE TRANSMITTAL COVER SHEET

DATE: August 17, 2004

TO: Examiner Irene Marx FAX NO.: (703) 872-9306  
(Name)  
Mail Stop Amendment  
U.S. Patent Office COUNTRY: USA  
(Company)

FROM: Peter C. Lauro FAX NOS.: (617) 439-4170

Our Reference No.: 59777 No. of pages 16  
(including cover sheet)

U.S.S.N. 09/885,294

## MESSAGE:

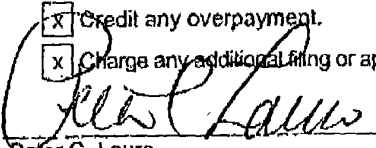
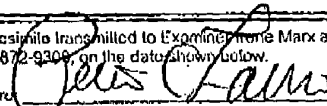
Please see attached Amendment and Response for the above-referenced patent application.

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Should there be any problem with this transmission, please contact Terri H. Lauro at the above telephone number.

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AMENDMENT TRANSMITTAL LETTER				Docket No. 59777(49950)	
Application No. 09/885,294-Conf. #2663		Filing Date June 19, 2001		Examiner Irene Marx	
				Art Unit 1651	
Applicant(s): Lonnie O. Ingram, et al.					
Invention: METHODS FOR IMPROVING CELL GROWTH AND ALCOHOL PRODUCTION DURING FERMENTATION					
<b>TO THE COMMISSIONER FOR PATENTS</b>					
Transmitted herewith is an amendment in the above-identified application.					
The fee has been calculated and is transmitted as shown below.					
<b>CLAIMS AS AMENDED</b>					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	30	- 81 =	0	x	0.00
Independent Claims	1	- 4 =	0	x	0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify): Extension for response within third month					475.00
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>					<b>475.00</b>
<input type="checkbox"/> Large Entity <input checked="" type="checkbox"/> Small Entity					
<input type="checkbox"/> No additional fee is required for this amendment.					
<input checked="" type="checkbox"/> Please charge Deposit Account No. 04-1105 in the amount of \$ 475.00. A duplicate copy of this sheet is enclosed.					
<input type="checkbox"/> A check in the amount of \$ _____ to cover the filing fee is enclosed.					
<input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.					
<input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. 04-1105 as described below. A duplicate copy of this sheet is enclosed.					
<input checked="" type="checkbox"/> Credit any overpayment.					
<input checked="" type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.					
 Peter C. Lauro Attorney Reg. No.: 32,360  EDWARDS & ANGELL, LLP P.O. Box 55874 Boston, Massachusetts 02205 (617) 439-4444				Dated: August 17, 2004	
I hereby certify that this correspondence is being facsimile transmitted to Examiner Irene Marx at the United States Patent and Trademark Office - Mail Stop Amendment at (703) 872-9308, on the date shown below. Dated: August 17, 2004 Signature  (Peter C. Lauro)					

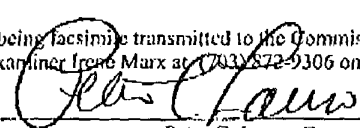
AUG 17 2004

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OFFICIAL

In re application of: Lonnie O. Ingram, *et al.*  
Application No.: 09/885,294 Group No.: 1651  
Filed: June 19, 2001 Examiner: Marx, I.  
For: *METHODS FOR IMPROVING CELL GROWTH AND ALCOHOL  
PRODUCTION DURING FERMENTATION*  
Attorney Docket No: 49950-59777 (formerly BCI-026)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

CERTIFICATE OF FACSIMILE TRANSMISSION	
I hereby certify that this correspondence is being facsimile transmitted to the Commissioner for Patents, Washington, DC 20231, via facsimile to Examiner from Marx at 703-872-9306 on the date below.	
August 17, 2004 Date	 Peter C. Lauro, Esq. Reg. No. 32,360

AMENDMENT AND RESPONSE

Dear Sir:

This is a response to the non-final Office Action mailed from the Patent and Trademark Office on February 17, 2004. A request for a three-month extension of time and the appropriate fee based on small entity status are being filed concurrently with this document. Please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims that begins on page 3 of this paper.  
Remarks begin on page 8 of this paper.